

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002484**Date Inspected:** 20-May-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Fu Yu Hong**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present for the fabrication scheduled for this project at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

The QA inspector performed ultrasonic testing (UT) at the completed joint penetration at the junction sides plates SP-52A/SP40A weld joint SEG-014A-019, side plates SP-64/SP40A weld joint SEG-014A-018, side plates SP76A/SP64A weld joint SEG-014-017, side plates SP43A/SP55A weld joint SEG020A-008, side plates SP67A/SP55A weld joint SEG-020A-007, side plates SP67A/SP79A weld joint SEG 020A-006, side plates SP64B/SP76B weld joint SEG-014A-022, side plates SP64B/SP52B weld joint SEG-014-023, side plates SP80A/SP68A weld joint SEG-020-020, side plates SP68B/SP56B weld joint SEG-020A-027, side plates SP63B/SP51B weld joints SEG 014A-013, side plates SP55B/SP67B weld joint SEG-020A-015. The QA inspector performed 10 % UT at random locations. The QA inspector found that welds areas tested appeared to be in compliance with the contract documents. See UT report TL_6027 generated on this date.

Summary of Conversations:

As noted above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By:	Acuna,Alfredo	Quality Assurance Inspector
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Reviewed By:	Cuellar,Robert	QA Reviewer
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